



5-24-02  
502

TRANSMITTAL LETTER			Case No. 9281-3660
Serial No. 09/586,624	Filing Date June 2, 2000	Examiner K. Bernatz	Group Art Unit 1773
Inventor(s) Naoya Hasegawa			
Title of Invention Spin-Valve Type Magnetoresistive Sensor and Method of Manufacturing the Same			

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is Submission of Certified Copies of Priority Documents, Substitute Declaration and Power of Attorney, and Request for Correction of Filing Receipt.

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR §§ 1.9 and 1.27 is enclosed.
- ☐ Petition for a \_\_\_\_\_ month extension of time.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below:

				Small Entity		or	Other Than Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	Rate	Add'l Fee
Total		Minus			x \$9=		x \$18=	
Indep.		Minus			x 42=		x \$84=	
First Presentation of Multiple Dep. Claim					+\$140=		+\$280=	
					Total add'l fee	\$	Total add'l fee	\$

- ☐ Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$\_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☐ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Gustavo Siller, Jr.  
Registration No. 32,305  
Attorney for Applicant

BRINKS HOFER GILSON & LIONE  
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Express Mail No. EV049289101 US

Date: 5/13/02

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Document 6

Signature: \_\_\_\_\_

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TC 1700

Gustavo Siller, Jr.  
Name of Applicant, Assignee or  
Registered Representative

**Signature**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

For : Spin-Valve Type Magnetoresistive  
Sensor and Method of  
Manufacturing the Same

Group Art Unit No. 1773

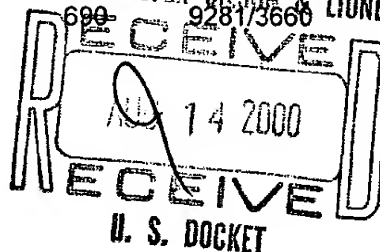
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**FILING RECEIPT**

\*OC000000005302217\*

**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**Address: ASSISTANT SECRETARY AND  
COMMISSIONER OF PATENT AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/586,624	06/02/2000	2832	690-9281/3660	BRINKS HOER GILSON & LIONE 22		14	2

Brink Hofer Gilson & Lione  
P O Box 10395  
Chicago, IL 60610

Date Mailed: 08/07/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Naoya Hasegawa, Niigata-ken, JAPAN;

**Continuing Data as Claimed by Applicant****Foreign Applications**

JAPAN 11-157132 06/03/1999

If Required, Foreign Filing License Granted 08/07/2000

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MAY 22 2002  
TC 1700

**Title**

Spin-valve type magnetoresistive sensor and method of manufacturing the same

**Preliminary Class**

335

Data entry by : DILLON, LAWANDA

Team : OIPE

Date: 08/07/2000



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Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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**NOT GRANTED**

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**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231



EXPRESS MAIL NO. EV 049289101 US

DATE OF DEPOSIT 5/13/02

Our File No. 9281-3660  
Client Reference No. N US99090

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Naoya HASEGAWA )  
Serial No. 09/586,624 )  
Filing Date: June 2, 2000 )  
For: Spin-Valve Type Magnetoresistive )  
Sensor and Method of Manufacturing )  
the Same )

**SUBMISSION OF SUBSTITUTE DECLARATION AND POWER OF ATTORNEY AND  
CERTIFIED COPIES OF PRIORITY DOCUMENTS**

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The previously filed Declaration and Power of Attorney Documents, incorrectly claims priority to Japanese Patent Application No. 11-157132 filed June 3, 1999, filed with the United States Patent and Trademark Office on June 2, 2000.

Transmitted herewith is the original Substitute Declaration and Power of Attorney Document, properly claiming priority to Japanese Patent Application Nos. 11-157131 and 2000-016333 filed on June 3, 1999 and January 25, 2000. Also enclosed are the correct Certified Copies of Japanese Priority Application Nos. 11-157131 and 2000-016333 filed on June 3, 1999 and January 25, 2000

Respectfully submitted,

Gustavo Siller, Jr.  
Registration No. 32,305  
Attorney for Applicant

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## UNITED STATES PATENT AND TRADEMARK OFFICE

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Bib Data Sheet

CONFIRMATION NO. 6578  
**FILE COPY**

<b>SERIAL NUMBER</b> 09/586,624	<b>FILING DATE</b> 06/02/2000 <b>RULE</b>	<b>CLASS</b> 428	<b>GROUP ART UNIT</b> 1773	<b>ATTORNEY DOCKET NO.</b> 9281/3660
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**APPLICANTS**  
Naoya Hasegawa, Niigata-ken, JAPAN;

**\*\* CONTINUING DATA \*\*\*\*\*** *None ✓ 1/4/02 12/30/02*

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***  
JAPAN 2000-016333 01/25/2000 ✓ *1/4/02 12/30/02*  
JAPAN 11-157131 06/03/1999 ✓

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED**  
\*\* 08/07/2000

Foreign Priority claimed 35 USC 119 (a-d) conditions ma. <input checked="" type="checkbox"/> yes <input type="checkbox"/> no Verified and Acknowledged	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no Allowance <i>12/30/02</i> Examiner's Signature Initials	<b>STATE OR COUNTRY</b> JAPAN	<b>SHEETS DRAWING</b> 22	<b>TOTAL CLAIMS</b> 14	<b>INDEPENDENT CLAIMS</b> 2
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**ADDRESS**  
757

**TITLE**  
Spin-valve type magnetoresistive sensor and method of manufacturing the same

<b>FILING FEE RECEIVED</b> 690	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
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